

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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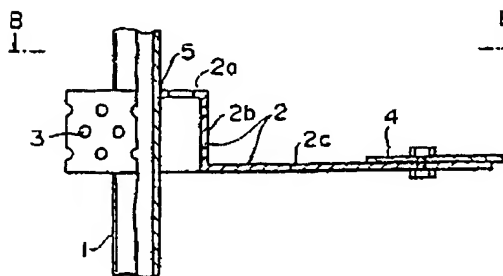
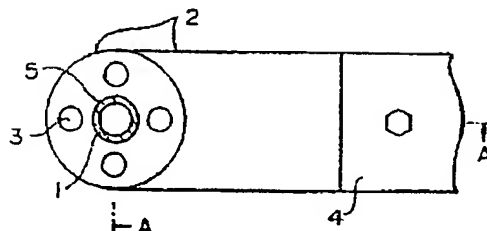
APPLICATION DATE : 27-05-88  
APPLICATION NUMBER : 63129708

APPLICANT : HOYA CORP;

INVENTOR : ASANUMA SHIGERU;

INT.CL. : C03B 5/26

TITLE : EFFLUENT PIPE HEATING DEVICE  
FOR MOLTEN GLASS



ABSTRACT : PURPOSE: To make the effluent pipe generate heat uniformly and to adjust the viscosity or flow rate of molten glass by providing plural bores in an electricity supplying flange welded to the effluent pipe for molten glass.

CONSTITUTION: The electricity supplying flange 2 which is made of platinum or its alloy and consists of a disk part 2a, a cylindrical part 2b and a belt plate part 2c is welded to the effluent pipe 1 which is made of platinum or its alloy and connected with glass melting furnace, etc., at its upper end, and the plural bores 3 are provided to the disk part 2a and to the cylindrical part 2b, and a conductor 4 is connected to the belt plate 2c.

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